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|---|-------|------------------------|-------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application Number | 10/717,418 |
| | | Filing Date | November 19, 2003 |
| | | First Named Inventor | Arun Rao |
| | | Group Art Unit | 2644 |
| | | Examiner Name | Not Yet Known |
| Total Number of Pages in This Submission | Three | Attorney Docket Number | 15145US02 |


ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Certificate under 37 C.F.R. § 3.73(b) <input checked="" type="checkbox"/> Power of Attorney from Assignee <input checked="" type="checkbox"/> Return Receipt Postcard |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|-------------------------|--|---------------------------|
| Firm or Individual Name | Mirut Dalal, Esq. McAndrews Held & Malloy, Ltd. 500 West Madison Street 34 th Floor Chicago, Illinois 60661 | Customer No. 23446 |
| Signature |  | |
| Date | June 15, 2004 | |

CERTIFICATE OF MAILING

| | | | |
|--|---|-----------------------------------|---------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 15, 2004. | | | |
| Name (Print/type) | Mirut P. Dalal, Esq. | Registration No. (Attorney/Agent) | 44,052 |
| Signature |  | Date | June 15, 2004 |



Certificate Under 37 C.F.R. § 3.73(b)

Docket No.: 15145US02

Applicant/Patent Owner: Arun Rao and Sunoj Koshy

Application No./Patent No.: 10/717,418

Filed/Issue Date: November 19, 2003

Entitled: **"REDUCTION OF MEMORY REQUIREMENTS BY DE-INTERLEAVING AUDIO SAMPLES WITH TWO BUFFERS"**

Broadcom Corporation, a **corporation**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014417, Frame 0420, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Signature: Dee Henderson

Name: Dee Henderson

Title: Manager, Intellectual Property Portfolio

Date: June 19 2004



POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of **California**, having a principal place of business at **16215 Alton Parkway, Irvine, California 92618-3616**, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on November 18, 2003, of an invention known as REDUCTION OF MEMORY REQUIREMENTS BY DE-INTERLEAVING AUDIO SAMPLES WITH TWO BUFFERS (Attorney Docket No. 15145US02), which is disclosed and claimed in a patent application of the same title by the inventor Arun Rao and Sunoj Koshy (said application filed on November 19, 2003 at the U.S. Patent and Trademark Office, having Application Number 10/717,418).

The assignee hereby appoints U.S. attorneys and/or agents at McAndrews, Held & Malloy, Ltd. (Chicago, IL), Customer No. 23,446, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

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FOR: Broadcom Corporation
SIGNATURE: [Signature]
BY: Dee Henderson
TITLE: Manager, Intellectual Property Portfolio
DATE: June 19 2004